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VIII. *An Illustration of the Species of Lycium which grow wild at the Cape of Good Hope. By Sir Charles Peter Thunberg, Knight of the Order of Wasa, Professor of Botany at Upsal, F.M.L.S.*

Read June 17, 1806.

LYCIUM ad illas plantas, quæ latius territorium occupant, quæ diversa climata ferunt, quæ in utroque hemisphærio telluris inventæ sunt, referendum erit. In Europa boreali et australi, in Siberia, in Africæ variis angulis inque America meridionali species hujus variæ læte crescunt et florent. Facile quidem genus hocce a congeneribus Pentandris distingui videtur corolla imprimis tubulosa fauce intus barbata, atque fructu baccato. Sed variare non raro solet staminibus quatuor, corolla et calyce quadrifidis. Præterea etiam *Serissa* ab hoc ipso genere divulsa nimis consimilis est, sic ut cum *Lycio* affinitate summa jungatur.

Cum vero mihi, sub meis in australi Africa itineribus plures *Lycii* species detegere, et ante detectas ulterius examinare licuerit, in animum induxi, hasce species fusius descriptas et novarum specierum icones pictas illustri Societati Linnæanæ offerre ejusque examini subjicere.

*Serissa fætida* imprimis fructu infero dispermo a *Lycio* distincta describitur; hic vero character valde dubius a me in *Flora Japonica* reputatus fuit, quare ego *Lycium japonicum* appellavi, Linnè junior *Lycium fætidum*, et Retzius *Lycium indicum*. Hæc tamen nota illust. Heretier satis sufficiens fuit

ad

ad novum genus, *Buchozia coprosmoides* dictum et D<sup>no</sup> Loureiro ad *Dysodam* suam *fasciculatam* inde formandum, licet varie variant et staminum numerus et aliæ floris partes. Sunt itaque *Lycii* species septem, quæ Caput Bonæ Spei patriam suam agnoscunt, licet duæ earum, scilicet *Lycium afrum* et *barbarum* alibi quoque sponte crescant. *Lycii* species sunt vel spinescentes, vel inermes.

## LYCIUM.

### \* *Spinosa.*

1. *L. barbarum* : foliis lanceolato-ellipticis, ramis laxis.
2. *L. afrum* : foliis lineari-ellipticis, ramis strictis, pedunculis foliis longioribus.
3. *L. rigidum* : foliis linearibus, ramis strictis, pedunculis foliis brevioribus.
4. *L. tetrandrum* : foliis ovatis obtusis, ramis strictis angulatis, floribus subsessilibus, corollis quadrifidis.
5. *L. cinereum* : foliis lanceolatis, ramis teretibus divaricatis, floribus subsessilibus.
6. *L. horridum* : foliis obovatis carnosis, ramis strictis, floribus subsessilibus.

### \*\* *inermis.*

7. *L. barbatum* : foliis ovatis, floribus subpaniculatis.

### LYCIUM BARBARUM.

*Lycium barbarum.* Linn. *Syst. Veg.* xiv. p. 228. per Gmel.  
Tom. i. P. 2. p. 1059.

*Crescit* in Carro inter Roggefelt et Bockefeld, florens Novembri,  
Decembri.

*Caulis* teres, cinereus, glaber, laxis, erectus.

*Rami* alterni, similes, divaricati, magis vel minus spinescentes, elongati, laxi, subsimplices.

*Folia* e gemmis sub spinis, sæpius solitaria, lanceolato-elliptica, integra, glabra, breviter petiolata, aucta, patentissima, sesquipollicaria et ultra.

*Flores* solitarii, pedunculati, pedunculis capillaribus subpollicaribus.

LYCIUM AFRUM.

*L. afrum.* *Linn. Syst. Veg. per Gmel.* t. i. p. 2. p. 1057.

*Caulis* rigidus, substriatus, erectus.

*Rami* spinescentes, subverticillati, breves, stricti.

*Folia* fasciculata, lineari-elliptica, glabra, integra, patula, unguicularia.

*Flores* pedunculati pedunculis florem æquantibus, foliis duplo longioribus, laxis, capillaribus.

LYCIUM RIGIDUM.

TAB. XIV.

*Lycium rigidum.* *Willden. Spec. Plant.* p. 1058.

*Crescit* prope Urbem Cap. et alibi sparsim, florens Julio et Augusto.

*Caulis* rigidus, flexuosus, glaber, cinereus.

*Rami* teretes, flexuosi, stricti, rugoso-angulati, cinerei, divaricato-patuli, apice spinescentes.

*Folia* fasciculata, linearia, obtusa, integra, glabra, curvata, unguicularia.

*Flores* solitarii, pedunculati, cernui.

*Pedunculi* flore et foliis breviores.

*Differt* ab *L. afro*: floribus imprimis brevissime pedunculatis.

*Directions for placing the Plates of the Ninth Volume.*

TAB. 1. Apion	-	-	-	-	-	to face page	80
2. Cancer floridus, &c.	}						
3. Cancer subterraneus, &c.							
4. Cancer Locusta, &c.							
5. Cancer rubricatus, &c.							114
6. Bulla Hydatis, &c.							
7. Doris longicornis, &c.							
8. Amphitrite Infundibulum							
9. Ursus indicus							
10. Variolaria multipuncta & V. globulifera							137
11. Lecidea aromatica & L. atro-flava							140
12. Parmelia velata & P. carneo-lutea							143
13. Parmelia Clementi & P. Borreri							147
14. Lycium rigidum							153
15. Lycium tetrandrum	}						
16. Lycium cinereum							154
17. Lycium horridum							
18. Insect that destroys the Wheat							159
19. Didelphis cynocephala & D. ursina							174
20. Dimorpha grandiflora							180
21. Piper quadrangulare & P. bracteatum							202
22. Nauclea Gambir							218
23. Hookeria							277
24. } Notoclea	}						
25. }							294
26. Edwardsia chrysophylla, Splachnum squarrosum, &c.	}						
27. Neckera sphærocarpa, &c.							322
28. Bryum heterophyllum, &c.							

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